



## SEQUENCE LISTING

<110> LIANG, LI-FANG

<120> GROWTH DIFFERENTIATION FACTOR PROMOTER AND USES  
THEREFOR

<130> MTN-027DV1CN

<140> 10/602,544

<141> 2003-06-23

<150> 09/632,879

<151> 2000-08-04

<150> 60/092,865

<151> 1998-07-15

<150> 60/123,270

<151> 1999-03-08

<150> 09/354,409

<151> 1999-07-15

<160> 11

<170> PatentIn Ver. 3.3

<210> 1

<211> 649

<212> DNA

<213> Homo sapiens

<400> 1

```
actagtatca taatcttaac ttttaattca ggtcttctca atttttattt tcctaattac 60
ttggcactaa aaataattta atacaacaaa taaaaatatt ttctacttca aatacttgcc 120
taaacaatat aaaatcattt tagtttttga ggaagtaata tttcatattt taaatatgta 180
gtataaatta aaattgactt atttaaatta caataagagt tgtgtgagga ttagtaagat 240
ttaagtacag tttatattat tgccaacata gacttttggt tttcaaagt cacaatatc 300
ttttattatt tgtagattta tttcttttat gaagtagtca aatgaatcag ctcacccttg 360
actgtaacaa aatactgctt ggtgacttgg gacagacagg gttttaacct ctgacagcga 420
gattcattgt ggagcaagag ccaatcatag atcctgacga cacttgtctc atctaagttg 480
gaatataaaa agccacttgg aatacagtat aaaagattca ctggtgtggc aagttgtctc 540
tcagactgta catgcattaa aattttgctt ggcattactc aaaagcaaaa gaaaagtaaa 600
aggaagaaac aagaacaaga aaaaagatta tattgatttt aaaatcatg 649
```

<210> 2

<211> 44

<212> DNA

<213> Homo sapiens

<400> 2

gagctttctt ttatgaagta gtcaaatgaa tcagctcacc cttg

<210> 3  
 <211> 44  
 <212> DNA  
 <213> Homo sapiens

<400> 3  
 gagcggtttta acctctgaca gcgagattca ttgtggagca agag

44

<210> 4  
 <211> 396  
 <212> DNA  
 <213> Mus musculus

<400> 4  
 gtacagttta tattagtaca cagacttcaa tttatcaaat gtcacatata tctttcatga 60  
 tttggggatt tatttcattt atgaagtagt caaatgaatc agcttgccct cgactgtaac 120  
 aaaatactgc ttggtgactt gtgacagaca ggggttttaac ctctgacagc gagattcatt 180  
 gtggagcagg agccaatcat agatcctgac gacacttgtc tcctctaagt tggaatataa 240  
 aaagccactt ggaatacagt atacaggact ccctggcgtg gcaggttgtc tctcggacgg 300  
 tacatgcact aatatttcac ttggcattac tcaaaagcaa aaagaagaaa taagaacaag 360  
 ggaaaaaaa agattgtgct gattttttaa atgatg 396

<210> 5  
 <211> 799  
 <212> DNA  
 <213> Gallus gallus

<220>  
 <221> modified\_base  
 <222> (9)..(9)  
 <223> a, c, g or t

<220>  
 <221> modified\_base  
 <222> (30)..(30)  
 <223> a, c, g or t

<220>  
 <221> modified\_base  
 <222> (32)..(32)  
 <223> a, c, g or t

<220>  
 <221> modified\_base  
 <222> (50)..(50)  
 <223> a, c, g or t

<220>  
 <221> modified\_base  
 <222> (55)..(55)  
 <223> a, c, g or t

<220>  
 <221> modified\_base  
 <222> (92)..(92)  
 <223> a, c, g or t

<220>  
 <221> modified\_base  
 <222> (114)..(114)  
 <223> a, c, g or t

<220>  
 <221> modified\_base  
 <222> (146)..(146)  
 <223> a, c, g or t

<220>  
 <221> modified\_base  
 <222> (149)..(149)  
 <223> a, c, g or t

<220>  
 <221> modified\_base  
 <222> (151)..(151)  
 <223> a, c, g or t

<220>  
 <221> modified\_base  
 <222> (154)..(154)  
 <223> a, c, g or t

<220>  
 <221> modified\_base  
 <222> (158)..(158)  
 <223> a, c, g or t

<220>  
 <221> modified\_base  
 <222> (161)..(161)  
 <223> a, c, g or t

<400> 5  
 ttcgggtatnt aatttgctgc ccaggatttn gntgacaaaag gcaaactggn ttaanttaat 60  
 aggggtccaca cttcagtaat gaattttgat antaaaggtc ccaatagtta gcanttatag 120  
 tcacacgtga acaaaatggt tattcntgnt nacntagnac ntatcaggaa aacctatcat 180  
 gatthttctga aatctgagct gcttaatgca cgtgaactgt tgaacagcat ggattcctcg 240  
 tgtttgcaat gtattttataa tgtatttttt tcccctcctc ctaacagaaa tccctcagaa 300  
 ttttccttga ggtagtacia actttcagcc acaatagtga tagaatccta aaggaaccct 360  
 aaaagagagc tctgcctcaa ttcatagtcc aactatgctg tcagtgtata tttagaatg 420  
 atagtgtctgt cttccagcac tgctgccccat agtacttgga aatatatcct ttcagtatgt 480  
 gaagacgtat cctttacgaa gccaccatat aaatcagttc acccttggtt gtaaccaa 540  
 gctgtctagt gacttgtgat cgacaggggt ttaacctctg acagctagat tcattgttgg 600  
 gacaacaacc aatcgctcgg tttgacgaca tgagcctaata caaagttgga gtataaaagc 660  
 ccccttgga tatataaggc acaccagtgt ggcaagccgt ctctcagatt gcatttgctg 720  
 tcacggatct gtttagaact gaaagaaaag gggaaaggga gaggggggaa aaaagggcaa 780  
 aaagctgcag tgactgtaa 799

<210> 6  
 <211> 158  
 <212> DNA  
 <213> Homo sapiens

<400> 6  
 gaagtagtca aatgaatcag ctcacccttg actgtaacaa aatactgctt ggtgacttgg 60  
 gacagacagg gttttaacct ctgacagcga gattcattgt ggagcaagag ccaatcatag 120  
 atcctgacga cacttgtctc atctaagttg gaatataa 158

<210> 7  
 <211> 158  
 <212> DNA  
 <213> Mus musculus

<400> 7  
 gaagtagtca aatgaatcag cttgccctcg actgtaacaa aatactgctt ggtgacttgt 60  
 gacagacagg gttttaacct ctgacagcga gattcattgt ggagcaggag ccaatcatag 120  
 atcctgacga cacttgtctc ctctaagttg gaatataa 158

<210> 8  
 <211> 156  
 <212> DNA  
 <213> Sus scrofa

<400> 8  
 gaagtagtca aatgaatcag ctcacccttg actgtaacaa aatactgttt ggtgacttgt 60  
 gacagacagg gttttaacct ctgacagcga gattcattgt ggagcaagag ccaatcatag 120  
 atcctgacga cacttgtctc atcaagtga atataa 156

<210> 9  
 <211> 159  
 <212> DNA  
 <213> Gallus gallus

<400> 9  
 gaagccagga tataaatcag ttcacccttg gctgtaacca aatgctgtct agtgacttgt 60  
 gatcgacagg gctttaacct ctgacagcta gattcattgt tgggacaaca accaatcgtc 120  
 ggttttgacg acatgagcct aatcaaagtt ggagtataa 159

<210> 10  
 <211> 44  
 <212> DNA  
 <213> Homo sapiens

<400> 10  
 gctccaaggg tgagctgatt catttgacta cttcataaaa gaaa 44

<210> 11  
 <211> 44  
 <212> DNA  
 <213> Homo sapiens

<400> 11  
 gctcctcttg ctccacaatg aatctcgctg tcagagggtta aaac 44